



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
	FILING DATE July 14, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MM ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	AA1	4,722,840	02/02/1988	Valenzuela et al.			09/19/1985
	AB1	5,071,651	12/10/1991	Sabara et al.			03/05/1990
	AC1	5,143,726	09/01/1992	Thornton et al.			11/20/1989
	AD1	5,334,394	08/02/1994	Kossovsky et al.			01/04/1993
	AE1	5,374,426	12/20/1994	Sabara et al.			10/30/1989
	AF1	5,580,859	12/03/1996	Felgner et al.			03/18/1994
	AG1	5,698,424	12/16/1997	Mastico et al.			01/03/1995
	AH1	5,739,026	04/14/1998	Garoff et al.			08/13/1992
	AI1	5,766,602	06/16/1998	Xiong et al.			01/19/1995
	AJ1	5,770,380	06/23/1998	Hamilton et al.			09/13/1996
	AK1	5,789,245	08/04/1998	Dubensky, Jr. et al.			10/30/1996

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
MM ↓ ↓ ↓ ↓	✓	AL1	WO 92/11291 A1	07/09/1992	WIPO		Yes No
	✓	AM1	WO 96/30523 A2	10/03/1996	WIPO		Yes No
	✓	AN1	WO 97/31948 A1	09/04/1997	WIPO		Yes No
	✓	AO1	WO 98/15631 A1	04/16/1998	WIPO		Yes No
	✓	AP1	WO 00/32227 A2	06/08/2000	WIPO		Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM ↓ ↓ ↓	AR	1	Abraham, J.M., et al., "An invertible element of DNA controls phase variation of type 1 fimbriae of <i>Escherichia coli</i> ," Proc. Natl. Acad. Sci. USA 82:5724-5727, National Academy Press (1985)
	AS	1	Abraham, S.N., et al., "Glycerol-Induced Unraveling of the Tight Helical Conformation of <i>Escherichia coli</i> Type 1 Fimbriae," J. Bacteriol. 174:5145-5148, American Society for Microbiology (1992)
	AT	1	Adhin, M.R., et al., "Nucleotide Sequence from the ssRNA Bacteriophage JP34 Resolves the Discrepancy between Serological and Biophysical Classification," Virology 170:238-242, Academic Press, Inc. (1989)

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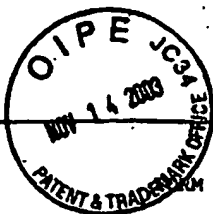
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All refs. on pages 1-94, 128-129 considered - too many to initial + sign them all.



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MM ↓	AA2	5,792,462	08/11/1998	Johnston et al.			05/23/1995
	AB2	5,814,482	09/29/1998	Dubensky, Jr. et al.			10/30/1996
	AC2	5,871,747	02/16/1999	Gengoux-Sedlik et al.			04/28/1995
	AD2	5,928,647	07/27/1999	Rock			09/15/1995
	AE2	6,004,763	12/21/1999	Gengoux et al.			05/12/1998
	AF2	6,054,312	04/25/2000	Larocca et al.			08/29/1997
	AG2	6,231,864 B1	05/15/2001	Birkett			02/11/1999
	AH2	6,380,364 B1	04/30/2002	Mueller et al.			10/06/1999
	AI2	2002/0064533 A1	05/30/2002	Murray			06/04/2001
	AJ2	2002/0081295 A1	06/27/2002	Schiller et al.			04/13/2001
	AK2	2003/0157479 A1	08/21/2003	Bachmann et al.			11/07/2002

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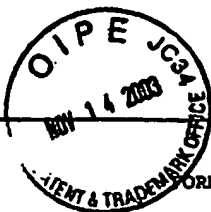
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
MM	AL2	WO 00/59928 A1	10/12/2000	WIPO			Yes No
	AM2	WO 00/23955 A1	04/27/2000	WIPO			Yes No
	AN2	WO 01/62284 A2	08/30/2001	WIPO			Yes No
	AO2	WO 01/85208 A2	11/15/2001	WIPO			Yes No
	AP2	WO 99/28478 A1	06/10/1999	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY B. MOSHER, PH.D. PRIMARY EXAMINER	AR	2	Aguzzi, A., "Prion diseases, blood and the immune system: concerns and reality," <i>Haematologica</i> 85:3-10, Il Pensiero Scientifico Editore (January 2000)
	AS	2	Ansel, K.M., et al., "In Vivo-activated CD4 T Cells Upregulate CXC Chemokine Receptor 5 and Reprogram Their Response to Lymphoid Chemokines," <i>J. Exp. Med.</i> 190:1123-1134, The Rockefeller University Press (1999)
	AT	2	Ansel, K.M., et al., "A chemokine-driven positive feedback loop organizes lymphoid follicles," <i>Nature</i> 406:309-314, Nature Publishing Group (July 2000)

EXAMINER Mosher	DATE CONSIDERED 10/22/05
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MM	AA3	2003/0175711 A1	09/08/2003	Renner et al.			01/18/2002
	AB3	2003/0175290 A1	09/18/2003	Renner et al.			01/18/2002
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MM	AL3	WO 99/57289 A2 & A3	11/11/1999	WIPO			Yes No
	AM3	WO 00/50461 A1	08/31/2000	WIPO			Yes No
	AN3	EP 0 259 149 B1	12/15/1993	Europe			Yes No
	AO3	EP 0 385 610 B1	03/16/1994	Europe			Yes No
	AP3	WO 94/06472 A1	03/31/1994	WIPO			Yes No X

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	1	Antonyssamy, M.A., et al., "Evidence for a Role of IL-17 in Organ Allograft Rejection: IL-17 Promotes the Functional Differentiation of Dendritic Cell Progenitors," J. Immunol. 162:577-584, The American Association of Immunologists (1999)
	AS	1	Arenberg, D.A., et al., "The murine CC chemokine, 6C-kine, inhibits tumor growth and angiogenesis in a human lung cancer SCID mouse model," Cancer Immunol. Immunother. 49:587-592, Springer-Verlag (January 2001)
	AT	1	Arnon, R., et al., "A mimotope peptide-based vaccine against Schistosoma mansoni: synthesis and characterization," Immunology 101:555-562, Blackwell Science, Ltd. (December 2000)

EXAMINER <i>uofen</i>	DATE CONSIDERED <i>07/22/05</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
MM	AL4	EP 0 465 081 B1	04/20/1994	Europe			Yes No
	AM4	EP 0 283 505 B1	07/06/1994	Europe			Yes No
	AN4	WO 94/15585 A1	07/21/1994	WIPO			Yes No
	AO4	EP 0 425 082 B1	04/26/1995	Europe			Yes No
	AP4	WO 96/05293 A1	02/22/1996	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	1	Bachmann, M.F., and Zinkernagel, R.M., "The influence of virus structure on antibody responses and virus serotype formation," <i>Immunol. Today</i> 17:553-558, Elsevier Science, Ltd. (1996)				
	AS	1	Bachmann, M.F., and Zinkernagel, R.M., "Neutralizing Antiviral B Cell Responses," <i>Annu. Rev. Immunol.</i> 15:235-270, Annual Reviews, Inc. (1997)				
	AT	1	Bachmann, M.F., et al., "TRANCE, a Tumor Necrosis Factor Family Member Critical for CD40 Ligand-independent T Helper Cell Activation," <i>J. Exp. Med.</i> 189:1025-1031, The Rockefeller University Press (1999)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MM	AL5	WO 99/07839 A2 & A3	02/18/1999	WIPO			Yes No
	AM5	WO 99/40934 A1	08/19/1999	WIPO			Yes No
	AN5	WO 99/67293 A1	12/29/1999	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	5	Banerjee, R.R., and Lazar, M.A., "Dimerization of Resistin and Resistin-like Molecules Is Determined by a Single Cysteine," <i>J. Biol. Chem.</i> 276:25970-25973, The American Society for Biochemistry and Molecular Biology, Inc. (July 2001)
	AS	5	Bard, P. et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nat. Med.</i> 6:916-919, Nature Publishing Company (August 2000)
	AT	5	Bass, S., and Yang, M., "Expressing cloned genes in <i>Escherichia coli</i> ," in <i>Protein Function: A Practical Approach</i> , 2nd ed., Creighton, T.E., ed., IRL Press, Oxford, Great Britain, pp. 29-55 (1997)

EXAMINER <i>Mosher</i>	DATE CONSIDERED <i>6/22/03</i>
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	§	Bernhagen, J., et al., "Purification, Bioactivity, and Secondary Structure Analysis of Mouse and Human Macrophage Migration Inhibitory Factor (MIF)," <i>Biochemistry</i> 33:14144-14155, American Chemical Society. (1994)
	AS	§	Biaselle, C.J., and Millar, D.B., "Studies on Triton X-100 detergent micelles," <i>Biophys. Chem.</i> 3:355-361, North-Holland Publishing Company (1975)
	AT	§	Bleul, C.C., et al., "The lymphocyte chemoattractant SDF-1 is a ligand for LESTR/fusin and blocks HIV-1 entry," <i>Nature</i> 382:829-833, Nature Publishing Group (1996)

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	2	Blomfield, I.C., et al., "Type 1 Fimbriation and fimE Mutants of Escherichia coli K-12," J. Bacteriol. 173:5298-5307, American Society for Microbiology (1991)		
	AS	2	Blomfield, I.C., et al., "Integration host factor stimulates both FimB- and FimE-mediated site-specific DNA inversion that controls phase variation of type 1 fimbriae expression in Escherichia coli," Mol. Microbiol. 23:705-717, Blackwell Science, Ltd. (1997)		
	AT	2	Boder, E.T., and Wittrup, K.D., "Yeast Surface Display for Directed Evolution of Protein Expression, Affinity, and Stability," Methods Enzymol. 328:430-444, Academic Press (October 2000)		
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	AL						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	8	Bonci, A., et al., "Relatedness and Phylogeny Within the Family of Periplasmic Chaperones Involved in the Assembly of Pili or Capsule-Like Structures of Gram-Negative Bacteria," J. Mol. Evol. 44:299-309, Springer-Verlag (1997)
	AS	8	Brandner, S., et al., "A crucial role for B cells in neuroinvasive scrapie," Transfus. Clin. Biol. 6:17-23, Elsevier, Paris (1999)
	AT	8	Brinton, Jr., C.C., "The structure, function, synthesis and genetic control of bacterial pili and a molecular model for DNA and RNA transport in gram negative bacteria," Trans. N.Y. Acad. Sci. 27:1003-1054, New York Academy of Sciences (1965)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	2	Brown, K.D., et al., "A family of small inducible proteins secreted by leukocytes are members of a new superfamily that includes leukocyte and fibroblast-derived inflammatory agents, growth factors, and indicators of various activation processes," <i>J. Immunol.</i> 142:679-687, The American Association of Immunologists (1989)
	AS	2	Brown, P.M., et al., "A Single-Step Purification of Biologically Active Recombinant Human Interleukin-5 from a Baculovirus Expression System," <i>Protein Expr. Purif.</i> 6:63-71, Academic Press, Inc. (1995)
	AT	2	Brown, K.L., et al., "Scrapie replication in lymphoid tissues depends on prion protein-expressing follicular dendritic cells," <i>Nat. Med.</i> 11:1308-1312, Nature Publishing Company (1999)

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	AL						Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	10	Bullitt, E., et al., "Development of pilus organelle subassemblies in vitro depends on chaperone uncapping of a beta zipper," <i>Proc. Natl. Acad. Sci. USA</i> 93:12890-12895, National Academy Press (1996)
	AS	10	Bullitt, E., and Makowski, L., "Bacterial Adhesion Pili Are Heterologous Assemblies of Similar Subunits," <i>Biophys. J.</i> 74:623-632, Biophysical Society (1998)
	AT	10	Burger, J.A., et al., "Blood-derived nurse-like cells protect chronic lymphocytic leukemia B cells from spontaneous apoptosis through stromal cell-derived factor-1," <i>Blood</i> 96:2655-2663, The American Society of Hematology (October 2000)

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	AL						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
✓ MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	11	Burghoff, R.L., et al., "Utilization of the Mouse Large Intestine To Select an Escherichia coli F-18 DNA Sequence That Enhances Colonizing Ability and Stimulates Synthesis of Type 1 Fimbriae," Infect. Immun. 61:1293-1300, American Society for Microbiology (1993)
	AS	11	Cannon-Carlson S., et al., "Expression, Purification, and Characterization of Recombinant Human Interleukin-13 from NS-O Cells," Protein Expr. Purif. 12:239-248, Academic Press (1998)
	AT	11	Chabaud, M., et al., "Enhancing Effect of IL-17 on IL-1-Induced IL-6 and Leukemia Inhibitory Factor Production by Rheumatoid Arthritis Synoviocytes and Its Regulation by Th2 Cytokines," J. Immunol. 161: 409-414, The American Association of Immunologists (1998)

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	12	Chabaud, M., et al., "Human Interleukin-17. A T Cell-Derived Proinflammatory Cytokine Produced by the Rheumatoid Synovium," Arthritis Rheum. 42:963-970, Wiley-Liss, Inc. (1999)
	AS	12	Chabaud, M., et al., "Contribution of Interleukin 17 to synovium matrix destruction in rheumatoid arthritis," Cytokine 12:1092-1099, Cell Press (July 2000)
	AT	12	Clark, H.P., et al., "Comparative Characterization of a C-Type Virus-Producing Cell Line (VSW) and a Virus-Free Cell Line (VH2) From Vipera russelli," J. Natl. Cancer Inst. 51:645-657, Oxford University Press (1973)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	13	Clark-Lewis, I., et al., "Chemical Synthesis, Purification, and Characterization of Two Inflammatory Proteins, Neutrophil Activating Peptide 1 (Interleukin-8) and Neutrophil Activating Peptide 2," <i>Biochemistry</i> 30:3128-3135, American Chemical Society (1991)
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1700.0310001/BJD/SJEAPPLICATION NO.
10/617,876APPLICANT
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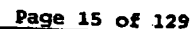
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	14	Corti, M., et al., "GM1-ganglioside-Triton X-100 mixed micelles: changes of micellar properties studied by laser-light scattering and enzymatic methods," Chem. Phys. Lipids 28:197-214, Elsevier/North-Holland Scientific Publishers, Ltd. (1981)
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<i>M. Cohen</i>	<i>4/22/05</i>

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	16	Dodson, K.W., et al., "Outer-membrane PapC molecular usher discriminately recognizes periplasmic chaperone-pilus subunit complexes," <i>Proc. Natl. Acad. Sci. USA</i> 90:3670-3674, National Academy Press (1993)
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<i>Mosher</i>	6/22/08

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	17	Eisenmesser, E.Z., et al., "Expression, Purification, Refolding, and Characterization of Recombinant Human Interleukin-13: Utilization of Intracellular Processing," <i>Protein Expr. Purif.</i> 20:186-195, Academic Press (November 2000)
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	18	Elisseeva, B.L., et al., "NMR Studies of Active N-terminal Peptides of Stromal Cell-derived Factor-1," J. Biol. Chem. 275:26799-26805, The American Society for Biochemistry and Molecular Biology, Inc. (September 2000)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER ↓	AR	19	Fehr, T., et al., "Role of Repetitive Antigen Patterns for Induction of Antibodies Against Antibodies," <i>J Exp. Med.</i> 185:1785-1792, The Rockefeller University Press (1997)
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EXAMINER 	DATE CONSIDERED 6/22/08
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FORM PTO-100 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	20	Forssmann, U., et al., "Botaxin-2, a Novel CC Chemokine that Is Selective for the Chemokine Receptor CCR3, and Acts Like Botaxin on Human Eosinophil and Basophil Leukocytes," J. Exp. Med. 185:2171-2176, The Rockefeller University Press (1997)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	21	Pujiwara, K., et al., "Novel preparation method of immunogen for hydrophobic hapten, enzyme immunoassay for daunomycin and adriamycin," <i>J. Immunol. Methods</i> 45:195-203, Elsevier/North-Holland Biomedical Press (1981)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER ↓	AR	22	Gherardi, E. et al., "A single-step procedure for cloning and selection of antibody-secreting hybridomas," <i>J. Immunol. Methods</i> 126: 61-68, Elsevier (1990)
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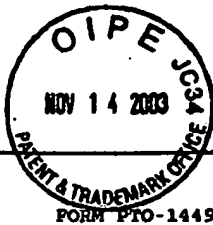
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	23	Hanes, J., et al., "Picomolar affinity antibodies from a fully synthetic naive library selected and evolved by ribosome display," <i>Nat. Biotechnol.</i> 18:1287-1292, Nature Publishing Company (December 2000)
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EXAMINER <i>Mosher</i>	DATE CONSIDERED <i>11/22/03</i>
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	24	Harrison, J.L., et al., "Screening of Phage Antibody Libraries," <i>Methods Enzymol.</i> 267:83-109, Macmillan Publishers, Ltd. (1996)
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EXAMINER <i>M. Mosher</i>	DATE CONSIDERED <i>11/10/03</i>
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	25	Heveker, N., et al., Dissociation of the signalling and antiviral properties of SDF-1-derived small peptides," Curr. Biol. 8:369-376, Current Biology, Ltd. (1998)
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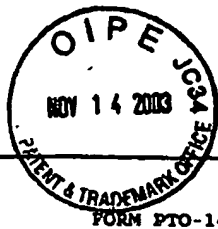
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MARYE. MOSHER, PH.D. PRIMARY EXAMINER	AR	26	Holmgren, A., et al., "Conserved immunoglobulin-like features in a family of periplasmic pilus chaperones in bacteria," <i>EMBO J.</i> 11:1617-1622, Oxford University Press (1992)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	27	Hultgren, S.J., et al., "PapD and superfamily of periplasmic immunoglobulin-like pilus chaperones," Adv. Prot. Chem. 44:99-123, Academic Press, Inc. (1993)
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	AT	27	Hultgren, S.J., et al., "Bacterial Adhesins and Their Assembly," in Escherichia coli and Salmonella, Neidhardt, P.C., et al., eds., ASM Press, Washington, D.C. pp. 2730-2756 (1996)

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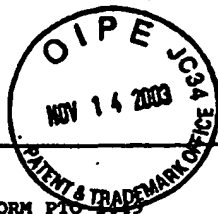
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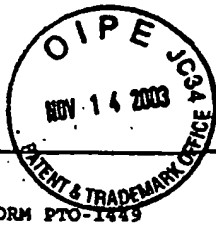
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FORM PTO-1449				ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876			
INFORMATION DISCLOSURE STATEMENT				APPLICANT BACHMANN et al.		FILING DATE July 14, 2003		GROUP 1614
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	29	Ikeda, T., et al., "Determination of Three Isoforms of the Receptor Activator of Nuclear Factor- κ B Ligand and Their Differential Expression in Bone and Thymus," <i>Endocrinology</i> 142:1419-1426, The Endocrine Society (April 2001)					
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	35	Klemm, P., "FimC, a chaperone-like periplasmic protein of <i>Escherichia coli</i> involved in biogenesis of type 1 fimbriae," <i>Res. Microbiol.</i> 143:831-838, Institut Pasteur/Elsevier (1992)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	36	Kodama, S., et al., "Carbohydrate Structures of Human Interleukin 5 Expressed in Chinese Hamster Ovary Cells," J. Biochem. (Tokyo) 110:693-701, Japanese Biochemical Society (1991)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	27	Kohts, K., "Structure-Function Studies on Human Macrophage Colony-Stimulating Factor (M-CSF)," Mol. Reprod. Dev. 46:31-38, Wiley-Liss, Inc. (1997)
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	AL						Yes No
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	48	Mikulowska, A., et al., "Macrophage Migration Inhibitory Factor Is Involved in the Pathogenesis of Collagen Type II-Induced Arthritis in Mice," J. Immunol. 158:5514-5517, The American Association of Immunologists (1997)		
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	50	Moriya, C., et al., "Large quantity production with extreme convenience of human SDF-1 α and SDF-1 β by a Sendai virus vector," <i>FEBS Lett.</i> 425:105-111, Amsterdam Elsevier Science B.V. (1998)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	52	Neirynck, S., et al., "A universal influenza A vaccine based on the extracellular domain of the M2 protein," Nat. Med. 5:1157-1163, Nature Publishing Company (1999)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	54	Olszewska, W., et al., "Protection against Measles Virus-Induced Encephalitis by Anti-mimotope Antibodies: The Role of Antibody Affinity," <i>Virology</i> 272:98-105, Academic Press (June 2000)
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FORM PTO-1449		ATTY. DOCKET NO. 1700.0310001/BJD/SJE		APPLICATION NO. 10/617,876		
INFORMATION DISCLOSURE STATEMENT		APPLICANT BACHMANN et al.		PILING DATE July 14, 2003		
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	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	57	Presta, L.G., et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders," Cancer Res. 57:4593-4599, The American Association for Cancer Research (1997)			
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	52	Roesch, P.L., and Blomfield, I.C., "Leucine alters the interaction of the leucine-responsive regulatory protein (Lrp) with the fim switch to stimulate site-specific recombination in <i>Escherichia coli</i> ," <i>Mol. Microbiol.</i> 27:751-761, Blackwell Science, Ltd. (1998)				
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MARVE E. MOSHER, PH.D. PRIMARY EXAMINER ✓	AR	60	Romagnani, S., "The Th1/Th2 paradigm," <i>Immunol. Today</i> 18:263-266, Elsevier Science, Ltd. (1997)
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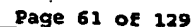
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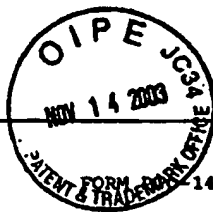
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	65	Stollar, V., "Togaviruses in Cultured Arthropod Cells," in <i>The Togaviruses. Biology, Structure, Replication</i> , Schlesinger, R.W., ed., Academic Press, Inc. New York, N.Y., pp.583-621 (1980)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	55	Sturchler-Pierrat, C., et al., "Two amyloid precursor protein transgenic mouse models with Alzheimer disease-like pathology," <i>Proc. Natl. Acad. Sci. USA</i> 94:13287-13292, National Academy Press (1997)		
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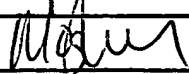
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	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	70	Vicari, A.P., et al., "Antitumor Effects of the Mouse Chemokine 6Ckine/SLC Through Angiostatic and Immunological Mechanisms," J. Immunol. 165:1992-2000, The American Association of Immunologists (August 2000)				
	AS	70	Visintin, M. et al., "Selection of antibodies for intracellular function using a two-hybrid in vivo system," Proc. Natl. Acad. Sci. USA 96:11723-11728, National Academy Press (1999)				
	AT	70	Walse, B., et al., "Transferred nuclear Overhauser effect spectroscopy study of a peptide from the PapG pilus subunit bound by the Escherichia coli PapD chaperone," FEBS Lett. 412:115-120, Elsevier Science B.V. (1997)				
EXAMINER 					DATE CONSIDERED 6/22/05		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



FORM PTO-1449		ATTY. DOCKET NO. 1700.0310001/BJD/SJE		APPLICATION NO. 10/617,876	
INFORMATION DISCLOSURE STATEMENT		APPLICANT BACHMANN et al.		PILING DATE July 14, 2003	
		GROUP 1614			
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB- CLASS
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FOREIGN PATENT DOCUMENTS					
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	AL				Yes No
	AM				Yes No
	AN				Yes No
	AO				Yes No
	AP				Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)					
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	21	Warnes, A., et al., "Expression of the measles virus nucleoprotein gene in <i>Escherichia coli</i> and assembly of nucleocapsid-like structures," <i>Gene</i> 160:173-178, Elsevier Science B.V. (1995)		
	AS	21	Watson, E., et al., "Structure determination of the intact major sialylated oligosaccharide chains of recombinant human erythropoietin expressed in Chinese hamster ovary cells," <i>Glycobiology</i> 4:227-237, Oxford University Press (1994)		
	AT	21	Wei, Y.Q., et al., "Immunotherapy of tumors with xenogeneic endothelial cells as a vaccine," <i>Nat. Med.</i> 6:1160-1166, Nature Publishing Company (October 2000)		
EXAMINER				DATE CONSIDERED	
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INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	72	Witherell, G.W., and Uhlenbeck, O.C., "Specific RNA Binding by Q β Coat Protein," <i>Biochemistry</i> 28:71-76, American Chemical Society (1989)
	AS	22	Wong, C.K., et al., "Elevation of proinflammatory cytokine (IL-18, IL-17, IL-12) and Th2 cytokine (IL-4) concentrations in patients with systemic lupus erythematosus," <i>Lupus</i> 9:589-593, Macmillan Publishers Ltd. (2000)
	AT	72	Wu, Q., et al. "Reversal of Spontaneous Autoimmune Insulinitis in Nonobese Diabetic Mice by Soluble Lymphotoxin Receptor," <i>J. Exp. Med.</i> 193:1327-1332, The Rockefeller University Press (June 2001)

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	23	Wuttke, M., et al., "Structural Characterization of Human Recombinant and Bone-derived Bone Sialoprotein," J. Biol. Chem. 276:36839-36848, The American Society for Biochemistry and Molecular Biology, Inc. (2001)
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INFORMATION DISCLOSURE STATEMENT				APPLICANT BACHMANN et al.		FILING DATE July 14, 2003		GROUP 1614
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	AM						Yes No	
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	AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)								
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	74	Yao, Z., et al., "Human IL-17: A Novel Cytokine Derived from T Cells," J. Immunol. 155:5483-5486, The American Association of Immunologists (1995)					
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	AM						Yes No
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	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	75	Yuan, T-T., et al., "Subtype-Independent Immature Secretion and Subtype-Dependent Replication Deficiency of a Highly Frequent, Naturally Occurring Mutation of Human Hepatitis B Virus Core Antigen," <i>J. Virol.</i> 73:10122-10128, American Society for Microbiology (1999)				
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	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	76	Zimmermann, N., et al., "MURINE Eotaxin-2: A Constitutive Eosinophil Chemokine Induced by Allergen Challenge and IL-4 Overexpression," J. Immunol. 165:5839-5846, The American Association of Immunologists (November 2000)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER ✓	AR	77	Fehr, T., et al., "T cell-independent type I antibody response against B cell epitopes expressed repetitively on recombinant virus particles," Proc. Natl. Acad. Sci. USA 95:9477-9481, National Academy Press (1998)
	AS	77	Frenkel, D., et al., "Generation of auto-antibodies towards Alzheimer's disease vaccination," Vaccine 19:2615-2619, Elsevier Science, Ltd. (March 2001)
	AT	77	International Search Report for International Application No. PCT/IB02/00166 mailed on October 29, 2002. European Patent Office, Netherlands (2002)

EXAMINER <i>Mosher</i>	DATE CONSIDERED <i>10/2/05</i>
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	78	International Search Report for International Application No. PCT/IB02/00168 mailed on November 4, 2002. European Patent Office, Netherlands (2002)
	AS	78	Kozlovska, T.M., et al., "RNA Phage Q β Coat Protein as a Carrier for Foreign Epitopes," Intervirology 39:9-15, S. Karger AG (1996)
	AT	78	Kratz, P.A., et al., "Native display of complete foreign protein domains on the surface of hepatitis B virus capsids," Proc. Natl. Acad. Sci. USA 96:1915-1920, National Academy of Sciences (1999).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	79	Nieland, J.D., et al., "Chimeric Papillomavirus Virus-like Particles Induce a Murine Self-Antigen-Specific Protective and Therapeutic Antitumor Immune Response," J. Cell. Biochem. 73:145-152, Wiley-Liss, Inc. (1999)
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EXAMINER <i>M. Mosher</i>	DATE CONSIDERED 6/22/05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



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U.S. PATENT DOCUMENTS							
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	80	International Search Report for International Application No. PCT/IB 02/00166, mailed January 31, 2003. European Patent Office, Netherlands (2002)
	AS	80	Baba, T.W., et al., "Pathogenicity of Live, Attenuated SIV After Mucosal Infection of Neonatal Macaques," <i>Science</i> 267:1820-1825, American Association for the Advancement of Science (1995)
	AT	80	Bachmann, M.F., et al., "Dendritic cells process exogenous viral proteins and virus-like particles for class I presentation to CD8 ⁺ cytotoxic T lymphocytes," <i>Eur. J. Immunol.</i> 26:2595-2600, VCH Verlagsgesellschaft mbH (1996)

EXAMINER <i>M. Mosher</i>	DATE CONSIDERED <i>6/22/05</i>
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ATTY. DOCKET NO.
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	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	81	Boorsma, M., et al., "A temperature-regulated replicon-based DNA expression system," Nat. Biotechnol. 18:429-432, Nature America, Inc. (April 2000)
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	82	Connor, R.I., et al., "Immunological and Virological Analyses of Persons Infected by Human Immunodeficiency Virus Type 1 while Participating in Trials of Recombinant gp120 Subunit Vaccines," J. Virol. 72:1552-1576, American Society for Microbiology (1998)
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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓ MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	83	de la Cruz, V.F., et al., "Immunogenicity and Epitope Mapping of Foreign Sequences via Genetically Engineered Filamentous Phage," J. Biol. Chem. 263:4318-4322, The American Society for Biochemistry and Molecular Biology, Inc. (1988)
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	AT	83	Ebina, S., et al., "Chemical Modification of Bovine Pancreatic Trypsin Inhibitor for Single Site Coupling of Immunogenic Peptides for NMR Conformational Analysis," J. Biol. Chem. 264:7882-7888, The American Society for Biochemistry and Molecular Biology, Inc. (1989)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	84	Esposito, G., et al., "Conformational study of a short Pertussis toxin T cell epitope incorporated in a multiple antigen peptide template by CD and two-dimensional NMR: Analysis of the structural effects on the activity of synthetic immunogens," Eur. J. Biochem. 217:171-187, Blackwell Science Ltd. on behalf of the Federation of European Biochemical Societies (1993)
	AS	84	Förster, E., et al., "Natural and recombinant enzymatically active or inactive bee venom phospholipase A ₂ has the same potency to release histamine from basophils in patients with Hymenoptera allergy," J. Allergy Clin. Immunol. 95:1229-1235, Mosby-Year Book, Inc. (1995)
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	85	Gilbert, S.C., et al., "A protein particle vaccine containing multiple malaria epitopes," Nat. Biotechnol. 15:1280-1284, Nature America Publishing (1997)
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INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	86	Harding, C.V., and Song, R., "Phagocytic Processing of Exogenous Particulate Antigens by Macrophages for Presentation by Class I MHC Molecules," <i>J. Immunol.</i> 153:4925-4933, The American Association of Immunologists (1994)	
	AS	86	Hilleman, M.R., "Six decades of vaccine development - a personal history," <i>Nat. Med. Vaccine Suppl.</i> 4:507-514 (May 1998)	
	AT	86	Hui, E. K-W. et al., "Hepatitis B viral core proteins with an N-terminal extension can assemble into core-like particles but cannot be enveloped," <i>J. Gen. Virol.</i> 80:2647-2659, Society for General Microbiology (1999)	

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	87	Iannolo, G., et al., "Construction, Exploitation and Evolution of a New Peptide Library Displayed at High Density by Fusion to the Major Coat Protein of Filamentous Phage," Biol. Chem. 378:517-521, Walter de Gruyter & Co. (1997)
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	AT	87	Ikram, H., and Prince, A.M., "A method for coupling the Hepatitis B surface antigen to aldehyde-fixed erythrocytes for use in passive hemagglutination," J. Virol. Methods 2:269-275, Elsevier/North-Holland Biomedical Press (1981)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	88	Kovacsovics-Bankowski, M., et al., "Efficient major histocompatibility complex class I presentation of exogenous antigen upon phagocytosis by macrophages," <i>Proc. Natl. Acad. Sci. USA</i> 90:4942-4946, National Academy Press (1993)
	AS	88	Lo, K. K-W., et al., "Surface-modified mutants of cytochrome P450cam: enzymatic properties and electrochemistry," <i>FEBS Lett.</i> 451:342-346, Elsevier Science B.V. on behalf of the Federation of European Biochemical Societies (1999)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	82	Neurath, A.R., et al., "Hepatitis B Virus surface antigen (HBsAg) as carrier for synthetic peptides having an attached hydrophobic tail," Mol. Immunol. 26:53-62, Pergamon Press (1989)
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	20	Pumpens, P. and Grens, E., "Hepatitis B core particles as a universal display model: a structure-function basis for development," FEBS Lett. 442:1-6, Elsevier Science B.V. on behalf of the Federation of European Biochemical Societies (1999)
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓ MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	21	Redfield, R.R., et al., "Disseminated vaccinia in a military recruit with Human Immunodeficiency Virus (HIV) disease," N. Eng. J. Med. 316:673-676, Massachusetts Medical Society (1987)
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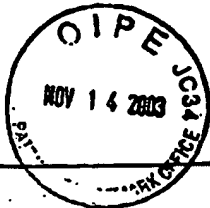
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	22	Shen, L., et al., "Recombinant Virus Vaccine-Induced SIV-Specific CD8 ⁺ Cytotoxic T Lymphocytes," <i>Science</i> 252:440-443, American Association for the Advancement of Science (1991)
	AS	22	Tanimori, H., et al., "Enzyme Immunoassay of Neocarzinostatin Using β -Galactosidase as Label," <i>J. Pharm. Dyn.</i> 4:812-819, Pharmaceutical Society of Japan (1981)
	AT	22	Townsend, A., and Bodmer, H., "Antigen recognition by class I-restricted T lymphocytes," <i>Ann. Rev. Immunol.</i> 7:601-624, Annual Reviews, Inc. (1989)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARYE. MOSHER, PH.D. PRIMARY EXAMINER	AR	23	VanCott, T.C., et al., "Antibodies with Specificity to Native gp120 and Neutralization Activity against Primary Human Immunodeficiency Virus Type 1 Isolates Elicited by Immunization with Oligomeric gp160," J. Virol. 71:4319-4330, American Society for Microbiology (1997)
	AS	23	Watkins, S.J., et al., "The 'adenobody' approach to viral targeting: specific and enhanced adenoviral gene delivery," Gene Ther. 4:1004-1012, Stockton Press (1997)
	AT	23	Willis, A.E., et al., "Immunological properties of foreign peptides in multiple display on a filamentous bacteriophage," Gene 128:79-83, Elsevier Science Publishers B.V. (1993)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARYE MOSHER, PH.D. PRIMARY EXAMINER	AR	24	Dialog File 351, Accession No. 9831660, Derwent WPI English language abstract for WO 94/06472 (Document AP3) NO AVAILABLE DATE
	AS	24	International Preliminary Examination Report for International Application No. PCT/IB99/01925, European Patent Office, Munich (August 2000) (not for publication)
	AT	24	International Search Report for International Application No. PCT/IB99/01925, European Patent Office, Netherlands (June 2000) (not for publication)

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	AM						Yes No
	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	25	NCBI Entrez, GenBank Report, Accession No. P03153, from Seeger, C., et al. (January 1990)	
AS	25	NCBI Entrez, GenBank Report, Accession No. X59397, from Jordan, C.T., et al. (November 1991)	
AT	25	NCBI Entrez, GenBank Report, Accession No. 711678A, from Shipolini, R.A., et al. (July 1992)	

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	26	NCBI Entrez, GenBank Report, Accession No. M27603, from Orndorff, P.E., and Palkow, S. (April 1993)	
AS	26	NCBI Entrez, GenBank Report, Accession No. M20706, from Nassal M. (April 1993)	
AT	26	NCBI Entrez, GenBank Report, Accession No. AAA37490, from Rouvier E. (July 1993)	

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	AM3						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	27	NCBI Entrez, GenBank Report, Accession No. M90520, from Kew, M.C., et al. (August 1993)	
AS	27	NCBI Entrez, GenBank Report, Accession No. X00981, from Klemm, P. (September 1993)	
AT	27	NCBI Entrez, GenBank Report, Accession No. VCBPQB, from Maita, T., and Konigsberg, W. (December 1993)	
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	AP						Yes No

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	AR	98	NCBI Entrez, GenBank Report, Accession No. AAA16663, from Kozlovskia, T.M., et al. (March 1994)
	AS	98	NCBI Entrez, GenBank Report, Accession No. X02514, from Yanisch-Perron, C., et al. (May 1994)
	AT	98	NCBI Entrez, GenBank Report, Accession No. X85256, from Lai, M.E., et al. (April 1995)

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AR	22	NCBI Entrez, GenBank Report, Accession No. X85259, from Lai, M.E., et al., (April 1995)	
AS	22	NCBI Entrez, GenBank Report, Accession No. X85260, from Lai, M.E., et al. (April 1995)	
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AR	100	NCBI Entrez, GenBank Report, Accession No. X85275, from Lai, M.E., et al. (April 1995)	
AS	100	NCBI Entrez, GenBank Report, Accession No. X85284, from Lai, M.E., et al. (April 1995)	
AT	100	NCBI Entrez, GenBank Report, Accession No. X85285, from Lai, M.E., et al. (April 1995)	

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	101	NCBI Entrez, GenBank Report, Accession No. X85286, from Lai, M.E., et al. (April 1995)				
	AS	101	NCBI Entrez, GenBank Report, Accession No. X85287, from Lai, M.E., et al. (April 1995)				
	AT	101	NCBI Entrez, GenBank Report, Accession No. X85291, from Lai, M.E., et al. (April 1995)				

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85293, from Lai, M.E., et al. (April 1995)				
	AS	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85295, from Lai, M.E., et al. (April 1995)				
	AT	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85296, from Lai, M.E., et al. (April 1995)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	103	NCBI Entrez, GenBank Report, Accession No. X85297, from Lai, M.E., et al. (April 1995)
	AS	103	NCBI Entrez, GenBank Report, Accession No. X85298, from Lai, M.E., et al. (April 1995)
	AT	103	NCBI Entrez, GenBank Report, Accession No. X85299, from Lai, M.E., et al. (April 1995)

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	104	NCBI Entrez, GenBank Report, Accession No. X85301, from Lai, M.E., et al. (April 1995)
	AS	104	NCBI Entrez, GenBank Report, Accession No. X85302, from Lai, M.E., et al. (April 1995)
	AT	104	NCBI Entrez, GenBank Report, Accession No. X85303, from Lai, M.E., et al. (April 1995)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85305, from Lai, M.E., et al. (April 1995)
AS	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85307, from Lai, M.E., et al. (April 1995)
AT	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85311, from Lai, M.E., et al. (April 1995)

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	AM						Yes No
	AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85314, from Lai, M.E., et al. (April 1995)
	AS	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85315, from Lai, M.E., et al. (April 1995)
	AT	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85316, from Lai, M.E., et al. (April 1995)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	107	NCBI Entrez, GenBank Report, Accession No. X85317, from Lai, M.E., et al. (April 1995)	
AS	107	NCBI Entrez, GenBank Report, Accession No. X85319, from Lai, M.E., et al. (April 1995)	
AT	107	NCBI Entrez, GenBank Report, Accession No. X80925, from Karayiannis, P. (December 1995)	

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	108	NCBI Entrez, GenBank Report, Accession No. AAC50341, from Yao, Z., et al. (January 1996)	
AS	108	NCBI Entrez, GenBank Report, Accession No. X72702, from Preisler-Adams, S., et al. (February 1996)	
AT	108	NCBI Entrez, GenBank Report, Accession No. VCBPR7, from Weber, K., et al. (April 1996)	

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. 1604193A, from Gomez, P., et al. (October 1996)
	AS	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. B56338, from Hoffman, D.R. (May 1997)
	AT	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. U95551, from Rao, B.S., et al. (June 1997)

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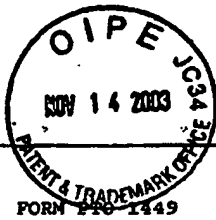
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	110	NCBI Entrez, GenBank Report, Accession No. S14764, from Vandermeers, A., et al. (October 1997)	
AS	110	NCBI Entrez, GenBank Report, Accession No. P03611, from Weber, K., et al. (November 1997)	
AT	110	NCBI Entrez, GenBank Report, Accession No. AAC14699, from Beekwilder, M.J., et al. (April 1998)	

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AR	111	NCBI Entrez, GenBank Report, Accession No. AAC14704, from Beekwilder, M.J., et al. (April 1998)	
AS	111	NCBI Entrez, GenBank Report, Accession No. AF043593, from Gunther, S., et al. (May 1998)	
AT	111	NCBI Entrez, GenBank Report, Accession No. 1POC, from Scott, D.L., et al. (September 1998)	

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	112	NCBI Entrez, GenBank Report, Accession No. CAA30374, from Inokuchi, Y., et al. (February 1999)	
AS	112	NCBI Entrez, GenBank Report, Accession No. X02496, from Bichko, V., et al. (April 1999)	
AT	112	NCBI Entrez, GenBank Report, Accession No. MFIV62, from Cox, N.J., et al. (July 1999)	

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	113	NCBI Entrez, GenBank Report, Accession No. VCBPFR, from Wittmann-Liebold, B., et al. (July 1999)				
	AS	113	NCBI Entrez, GenBank Report, Accession No. A59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				
	AT	113	NCBI Entrez, GenBank Report, Accession No. B59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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AR	114	NCBI Entrez, GenBank Report, Accession No. AF051814, from Boyd, E.P., and Hartl, D.L. (September 1999)	
AS	114	NCBI Entrez, GenBank Report, Accession No. AF051815, from Boyd, E.P., and Hartl, D.L. (September 1999)	
AT	114	NCBI Entrez, GenBank Report, Accession No. AF110999, from Chang, S.P., et al. (October 1999)	

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	AM						Yes No
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	AP						Yes No

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	AR	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB033559, from Okamoto, H., et al. (October 1999)
	AS	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB010289, from Koseki, T., et al. (December 1999)
	AT	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AJ132364, from Graupner, S., et al. (April 2000)

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	AM						Yes No
	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	116	NCBI Entrez, GenBank Report, Accession No. AF237482, from Johnson, J.R., et al. (May 2000)	
AS	116	NCBI Entrez, GenBank Report, Accession No. M32138, from Tong, S.P., et al. (July 2000)	
AT	116	NCBI Entrez, GenBank Report, Accession No. AF229646, from Skerker, J.M., and Shapiro, L. (August 2000)	

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

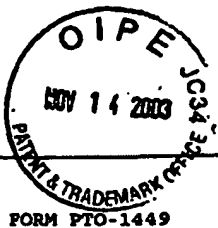
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	117	NCBI Entrez, GenBank Report, Accession No. M95589, from Shi, H., et al. (January 2001)				
	AS	117	NCBI Entrez, GenBank Report, Accession No. VCBPM2, from Min Jou, W., et al. (January 2001)				
	AT	117	NCBI Entrez, GenBank Report, Accession No. AF323080, from Steppan, C.M., et al. (January 2001)				

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	118	NCBI Entrez, GenBank Report, Accession No. AF323081, from Steppan, C.M., et al. (January 2001)	
AS	118	NCBI Entrez, GenBank Report, Accession No. U14003, from Plunkett, G., III, et al. (January 2001)	
AT	118	NCBI Entrez, GenBank Report, Accession No. AF121239, from Hannoun, C., et al. (February 2001)	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
	FILING DATE July 14, 2003	GROUP 1614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	119	NCBI Entrez, GenBank Report, Accession No. AF121240, from Hannoun, C., et al. (February 2001)
	AS	119	NCBI Entrez, GenBank Report, Accession No. AF121242, from Hannoun, C., et al. (February 2001)
	AT	119	NCBI Entrez, GenBank Report, Accession No. X59795, from Lai, M.E., et al. (March 2001)

EXAMINER	DATE CONSIDERED
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FORM PTO-1449

ATTY. DOCKET NO.
1700.0310001/BJD/SJEAPPLICATION NO.
10/617,876APPLICANT
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1614INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	120	NCBI Entrez, GenBank Report, Accession No. X65257, from Lai, M.E., et al. (March 2001)				
	AS	120	NCBI Entrez, GenBank Report, Accession No. X65258, from Lai, M.E., et al. (March 2001)				
	AT	120	NCBI Entrez, GenBank Report, Accession No. AP151735, from Gerner, P., et al. (April 2001)				

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INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1700.0310001/BJD/SJEAPPLICATION NO.
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1614**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	121	NCBI Entrez, GenBank Report, Accession No. AJ000636, from Gousset, N., et al. (November 2001)				
	AS	121	NCBI Entrez, GenBank Report, Accession No. AAB59424, from Kenten, J.H., et al. (February 2002).				
	AT	121	NCBI Entrez, GenBank Report, Accession No. AAC06250, from Beekwilder, M.J., et al. (March 2002)				

EXAMINER

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	122	NCBI Entrez, GenBank Report, Accession No. L09137, from Yanisch-Perron, C., et al. (May 2002)				
	AS	122	NCBI Entrez, GenBank Report, Accession No. 009006, from Hromas, R., et al. (June 2002)				
	AT	122	NCBI Entrez, GenBank Report, Accession No. P40224, from Nagasawa, T., et al. (June 2002)				

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	123	NCBI Entrez, GenBank Report, Accession No. F34884, from Bernhagen, J., et al. (June 2002)
	AS	123	NCBI Entrez, GenBank Report, Accession No. P06821, from Winter, G., et al. (June 2002)
	AT	123	NCBI Entrez, GenBank Report, Accession No. P30904, from Sakai, M., et al. (June 2002)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	124	NCBI Entrez, GenBank Report, Accession No. NP_040754, from Inokuchi, Y., et al. (June 2003)				
	AS	124	NCBI Entrez, GenBank Report, Accession No. NP_061354, from Ishikawa, S., et al. (September 2003)				
	AT	124	NCBI Entrez, GenBank Report, Accession No. NP_031804, from Lenda, D.M., et al. (September 2003)				

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	125	NCBI Entrez, GenBank Report, Accession No. NP_006410, from Luther, S.A., et al. (September 2003)	
AS	125	NCBI Entrez, GenBank Report, Accession No. NP_000748, from Yao, G.Q., et al. (September 2003)	
AT	125	NCBI Entrez, GenBank Report, Accession No. P03069, from Hinnebusch, A.G., et al. (September 2003)	

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	126	NCBI Entrez, GenBank Report, Accession No. 000585, from Hromas, R., et al. (September 2003)				
	AS	126	NCBI Entrez, GenBank Report, Accession No. P14174, from Weiser, W.Y., et al. (September 2003)				
	AT	126	NCBI Entrez, GenBank Report, Accession No. P48061, from Spotila, L.D., et al. (September 2003)				

EXAMINER

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	127	NCBI Entrez, GenBank Report, Accession No. P80003, from Vandermeers, A., et al. (September 2003)	
AS	127	Swiss-Prot/TREMBL, TN11_Mouse, Primary Accession No. 035235, entered in Swiss-Prot in October 2001	
AT	127	Swiss-Prot/TREMBL, TN11_Human, Primary Accession No. 014788, entered in Swiss-Prot in October 2001	

EXAMINER	DATE CONSIDERED
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FORM PTO INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	128	Copy of co-pending U.S. application 10/264,267, inventors Bachmann, M., filed October 4, 2002 (NOT PUBLISHED)
	AS	128	Copy of co-pending U.S. application 10/289,456, inventors Bachmann et al., filed November 7, 2002 (NOT PUBLISHED)
	AT	128	Copy of co-pending U.S. application 10/346,190, inventors Bachmann et al., filed January 17, 2003 (NOT PUBLISHED)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-100 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
	APPLICANT BACHMANN et al.	
	FILING DATE July 14, 2003	GROUP 1614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>MM</i>	AR	129	Copy of co-pending U.S. application 10/622,064, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)
<i>J</i>	AS	129	Copy of co-pending U.S. application 10/622,087, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)
<i>✓</i>	AT	129	Copy of co-pending U.S. application 10/622,124, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)

EXAMINER <i>moley</i>	DATE CONSIDERED <i>6-22-05</i>
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